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ABSTRACT

The U. S. Army Signal School at Fort Monmouth, New Jersey, provides military education and appropriate practical training for Armed Forces men and women to prepare them for positions in communications-electronics activities and familiarize them with the application of doctrine, tactics, logistics, and electronic techniques pertinent to the military command and control system. Training in Signal Corps specialties and common military subjects and nonresident Signal Corps subjects is also provided. The school assists in revising old doctrine, formulating new doctrine, and preparing training literature. The approximately 2,000 students are taught by 850 instructors in the 500 available classrooms in classes varying in size from 5 to 25 students. Most of the student's time is spent in practical application of what he has learned. Courses are offered in audiovisual procedures, communications security, data communications, radar systems maintenance, satellite communications, and radio communications. Graduates of the school are assigned throughout the free world. (Author/AG)

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US ARMY SIGNAL SCHOLL

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LOCATION

Fort Monmouth is located approximately 50 miles south of New York City. Bounded by Eatontown, Oceanport, Little Silver, and Shrewsbury, Fort Monmouth is near many of the resort towns in the Jersey North Shore area. The principal communities near the post are Red Bank, Long Branch, and Asbury Park.

The main post is bordered on the west by State Highway 35, with the Garden State Parkway (toll highway) adjacent.

USASCS HOME OF THE SIGNAL CORPS

WHAT WE DO

The US Army Signal School provides progressive military education and appropriate practical training for men and women of the Armed Forces to prepare them to perform efficiently in all positions concerned with communications-electronics activities, and with the application of doctrine, tactics, logistics, and electronic techniques pertinent to the military command and control system.

It conducts training in Signal Corps specialties and common military subjects for selected officer and enlisted personnel.

It provides nonresident instruction on Signal Corps subjects for all components of the Army.

It assists in the formulation of new and the revision of old doctrine.

It assists in the preparation of Signal Corps training literature.

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THE SCHOOL

The Signal School is a large-scale technical institution that trains students in the techniques required to maintain complex communications, photographic, automatic data processing, and radar equipment utilized by the US Army Signal Corps in worldwide combat support and command operations of the US Army. Students from other services (Air Force, Navy, and Marines), civilians, and foreign students - all receive technical training in the courses offered at the Signal School.

The School's Academic Departments develop instructional material required to implement programs of instruction, and to conduct resident training prescribed courses, leading to the award of technical military occupational specialties (MOS).

THE STUDENT

There are over 2000 enlisted men and women who make up the student body. Most of these are first-term enlistees who have recently entered service from civilian life, usually directly from high school. Experience has shown that a high percentage of these students, having only a secondary school education, are able to master the complexities of modern communications-electronics. This is due in large part to the instructional methodology employed at the Signal School, which has as its focal point LEARNING BY DOING.

THE INSTRUCTOR

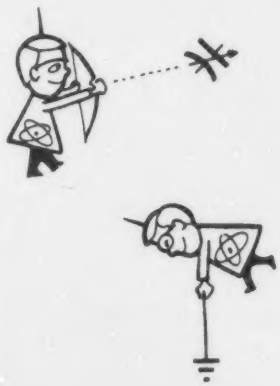
There are approximately 850 instructors in the Signal School; 80 percent are military personnel and 20 percent civilians. The civilian instructors are Department of the Army civil service employees.

THE CLASSROOM

Approximately 500 classrooms are used by the Academic Departments. About half are located in what is popularly called the Myer Hall Complex, the remainder are in other areas of the post.

Myer Hall is a pleasant, modern educational facility containing the headquarters of both the US Army Signal Center and School and the Academic Departments, a 607-seat auditorium, plus a cafeteria, individual learning center, the US Army Signal Center and School Library, and the Signal Corps Museum.

The size of classes varies from 5 to 25 students and is dependent on the maximum facilities available for the particular course, the number of enrollees, and the number of graduates required by the Department of the Army to fill vacancies, actual or projected in active army units.



THE WAY WE LEARN

During attendance at the Signal School, the student will see many different media used in class. In addition to the normal classroom instruction, there is programmed instruction, closed circuit television, and self-pacing.

The majority of a student's time, however, is spent in the practical application method of instruction. He uses his time building and disassembling components, troubleshooting the equipment, and generally sharpening his practical skills.

This technical training is of great value since it prepares him for a definite, useful, and interesting military career, which can be the beginning of a fruitful civilian career.

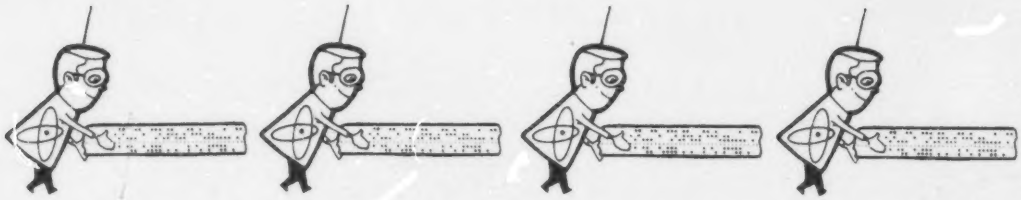
WHAT WE LEARN

AUDIO-VISUAL

Audio-Visual courses include still and motion picture photography, audio specialist, and photographic laboratory operations. Also, courses are taught on the repair of television equipment, combat surveillance equipment, cameras and projectors. A typical course description is that of the Television Equipment Repair Course. This course provides enlisted personnel with a working knowledge of the installation, operation, maintenance, and repair of television receivers, camera chains, studio equipment, television microwave links, video tape recorders, and closed circuit systems.

COMMUNICATIONS SECURITY

COMSEC courses include repair of general cryptographic, fixed ciphony, and fixed cryptographic equipments. A typical course description from this area is the Fixed Ciphony Repair Course. This course qualifies enlisted personnel in the installation, operation, and repair of fixed ciphony equipment.



DATA COMMUNICATIONS

DATACOM courses include repair of automatic data processing, and dial central office telephone equipment. A typical course offering here might be the Electrical Accounting Machine Repair Course which provides enlisted personnel with a working knowledge of the techniques required to inspect, test, adjust, and repair electrical accounting machine equipment.

RADAR SYSTEMS MAINTENANCE

Radar courses include five repair courses in weapons support, air defense, ground control approach, and a radar supervisory course. A typical course selection from this field is the Ground Control Radar Repair Course. This course provides enlisted personnel with a working knowledge of the techniques required to inspect, test, and perform repairs on ground control radar equipment.

SATELLITE COMMUNICATIONS

SATCOM courses include satellite terminal repair, satellite controller, and radio wave propagation. A typical course offering in this area is the Satellite Communication Terminal Repair Course. This course provides enlisted personnel with a working knowledge of the techniques required to operate, inspect, test, and perform repairs on satellite communication terminal equipment.

RADIO COMMUNICATIONS

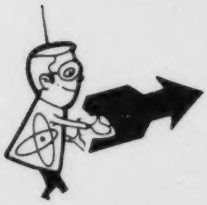
Radio courses include 17 repair and supervisory courses for enlisted personnel covering microwave radio, fixed station transmitter and receiver, fixed plant carrier and troposcatter equipment. One operator course in fixed station radio equipment as well as one officer course for microwave radio officers are also conducted. Typical of these courses is the Fixed Station Technical Controller Course which provides the student with a working knowledge of the concepts, procedures, and equipment necessary for the control of fixed station facilities.

OUR GRADUATE - - -

A NEW AGE - PROFESSIONAL US ARMY COMMUNICATOR.

Modern technology has placed new and ever increasing demands upon the modern soldier. To prepare for these demands, the Signal School insures that each graduate has received the best possible training in his given specialty and is properly prepared to perform his mission.

Upon completion of training, graduates of the US Army Signal School receive assignments throughout the free world; whether it be at an isolated relay site, the communications center of an Army headquarters, or in our nation's capitol. They provide the Commander with skilled expertise and professionalism in the engineering, management, maintenance and operation of world-wide Army communications systems necessary for our country's defense.



If you are interested in more detailed information on current programs of instruction now being offered at the Signal School, please write or contact:

Commandant
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